

Client: Example Client ABC123  
123 Test Drive  
Salt Lake City, UT 84108  
UNITED STATES

Physician: Doctor, Example

**Patient: Patient, Example**

**DOB:** 7/23/1993  
**Sex:** Male  
**Patient Identifiers:** 01234567890ABCD, 012345  
**Visit Number (FIN):** 01234567890ABCD  
**Collection Date:** 01/01/2017 12:34

**Anabolic Steroids, Urine - Screen with Reflex to Confirmation**

ARUP test code 2008682

Anabolic Steroids Screen, Urine

See Note

Analysis and Comments	Result	Units
Bolasterone Urine Reporting Limit: 10 ng/mL	None Det	ng/mL
Synonym(s): 4-androsten-7alpha,17alpha-dimethyl-17beta-ol-3-one Analysis by High Performance Liquid Chromatography/ Tandem Mass Spectrometry (LC-MS/MS)		
Boldenone Urine Reporting Limit: 10 ng/mL	See note	ng/mL
Synonym(s): 1-dehydrotestosterone Comment: Based on this screening result, confirmation testing was performed. Refer to the confirmation test result(s).		
Analysis by High Performance Liquid Chromatography/ Tandem Mass Spectrometry (LC-MS/MS)		
Clostebol Urine Reporting Limit: 10 ng/mL	None Det	ng/mL
Synonym(s): 4-androsten-4-chloro-17beta-ol-3-one Analysis by High Performance Liquid Chromatography/ Tandem Mass Spectrometry (LC-MS/MS)		
Clostebol Metabolite Urine Reporting Limit: 10 ng/mL	None Det	ng/mL
Synonym(s): 4-chloro-4-androsten-3alpha-ol-17-one Analysis by High Performance Liquid Chromatography/ Tandem Mass Spectrometry (LC-MS/MS)		
Clenbuterol Urine Reporting Limit: 10 ng/mL	None Det	ng/mL
Synonym(s): Planipart(R) Analysis by High Performance Liquid Chromatography/ Tandem Mass Spectrometry (LC-MS/MS)		
Drostanolone Metabolite Urine Reporting Limit: 10 ng/mL	See note	ng/mL
Synonym(s):		

**H=High, L=Low, \*=Abnormal, C=Critical**

Unless otherwise indicated, testing performed at:

**ARUP LABORATORIES | 800-522-2787 | aruplab.com**  
500 Chipeta Way, Salt Lake City, UT 84108-1221  
Jonathan R. Genzen, MD, PhD, Laboratory Director

Patient: Patient, Example  
ARUP Accession: 22-111-400251  
Patient Identifiers: 01234567890ABCD, 012345  
Visit Number (FIN): 01234567890ABCD  
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2alpha-methyl-5alpha-androstan-3alpha-ol-17-one  
Comment:  
Based on this screening result, confirmation testing was performed. Refer to the confirmation test result(s).  
Analysis by High Performance Liquid Chromatography/  
Tandem Mass Spectrometry (LC-MS/MS)  
Norethandrolone None Det ng/mL  
Urine  
Reporting Limit: 10 ng/mL

Synonym(s): 17-hydroxy-19-norpregn-4-en-3-one  
Analysis by High Performance Liquid Chromatography/  
Tandem Mass Spectrometry (LC-MS/MS)  
Fluoxymesterone None Det ng/mL  
Urine  
Reporting Limit: 10 ng/mL

Synonym(s):  
9alpha-Fluoro-11beta,17beta-dihydroxy-17alpha-methyl-androst-4-en-3-one  
Analysis by High Performance Liquid Chromatography/  
Tandem Mass Spectrometry (LC-MS/MS)  
Methandrostenolone None Det ng/mL  
Urine  
Reporting Limit: 10 ng/mL

Synonym(s):  
17-hydroxy-17-methylandrosta-1,4-dien-3-one;  
Methandienone  
Analysis by High Performance Liquid Chromatography/  
Tandem Mass Spectrometry (LC-MS/MS)  
Methandrostenolone Metabolite None Det ng/mL  
Urine  
Reporting Limit: 10 ng/mL

Synonym(s): Methandienone Metabolite;  
6beta-hydroxymethandienone  
Analysis by High Performance Liquid Chromatography/  
Tandem Mass Spectrometry (LC-MS/MS)  
Methenolone None Det ng/mL  
Urine  
Reporting Limit: 10 ng/mL

Synonym(s):  
(5alpha,17beta)-17-hydroxy-1-methylandrost-1-en-3-one  
Analysis by High Performance Liquid Chromatography/  
Tandem Mass Spectrometry (LC-MS/MS)  
Methyltestosterone None Det ng/mL  
Urine  
Reporting Limit: 10 ng/mL

Synonym(s):  
17beta-hydroxy-17alpha-methylandrost-4-en-3-one  
Analysis by High Performance Liquid Chromatography/  
Tandem Mass Spectrometry (LC-MS/MS)  
Nandrolone None Det ng/mL  
Urine  
Reporting Limit: 10 ng/mL

Synonym(s): 17beta-hydroxy-19-norandrost-4-en-3-one  
Analysis by High Performance Liquid Chromatography/  
Tandem Mass Spectrometry (LC-MS/MS)  
Nandrolone Metabolite See note ng/mL  
Urine  
Reporting Limit: 10 ng/mL

Synonym(s): 5alpha-estran-3alpha-ol-17-one;  
norandrosterone  
Comment:

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Based on this screening result, confirmation testing was performed. Refer to the confirmation test result(s).

Analysis by High Performance Liquid Chromatography/  
Tandem Mass Spectrometry (LC-MS/MS)  
Norandrostenedione None Det ng/mL  
Urine  
Reporting Limit: 10 ng/mL

Synonym(s): 4-estren-3,17-dione  
Analysis by High Performance Liquid Chromatography/  
Tandem Mass Spectrometry (LC-MS/MS)  
Norethandrolone Metabolite None Det ng/mL  
Urine  
Reporting Limit: 10 ng/mL

Synonym(s):  
17alpha-ethyl-5beta-estrane-3alpha,17beta-diol  
Analysis by High Performance Liquid Chromatography/  
Tandem Mass Spectrometry (LC-MS/MS)  
Norethindrone None Det ng/mL  
Urine  
Reporting Limit: 10 ng/mL

Synonym(s): Ortho-Novum(R); Camila(R)  
Analysis by High Performance Liquid Chromatography/  
Tandem Mass Spectrometry (LC-MS/MS)  
Oxandrolone None Det ng/mL  
Urine  
Reporting Limit: 10 ng/mL

Synonym(s):  
17beta-hydroxy-17alpha-methyl-2-oxandrostane-3-one  
Analysis by High Performance Liquid Chromatography/  
Tandem Mass Spectrometry (LC-MS/MS)  
Oxymetholone Metabolite None Det ng/mL  
Urine  
Reporting Limit: 10 ng/mL

Synonym(s):  
17alpha-methyl-5alpha-androstane-3alpha,17beta-diol;  
Mestanolone Metabolite; Methyltestosterone Metabolite  
Analysis by High Performance Liquid Chromatography/  
Tandem Mass Spectrometry (LC-MS/MS)  
Probenecid None Det ng/mL  
Urine  
Reporting Limit: 10 ng/mL

Synonym(s): Benemid(R)  
Analysis by High Performance Liquid Chromatography/  
Tandem Mass Spectrometry (LC-MS/MS)  
Stanozolol None Det ng/mL  
Urine  
Reporting Limit: 10 ng/mL

Synonym(s):  
17alpha-methyl-2'H-androst-2-eno[3,2-c]pyrazol-17beta-o  
l  
Analysis by High Performance Liquid Chromatography/  
Tandem Mass Spectrometry (LC-MS/MS)  
Stanozolol Metabolite None Det ng/mL  
Urine  
Reporting Limit: 10 ng/mL

Synonym(s): 3'-hydroxystanozolol  
Analysis by High Performance Liquid Chromatography/  
Tandem Mass Spectrometry (LC-MS/MS)  
Turinabol None Det ng/mL  
Urine  
Reporting Limit: 10 ng/mL

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Jonathan R. Genzen, MD, PhD, Laboratory Director

Patient: Patient, Example  
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Patient Identifiers: 01234567890ABCD, 012345  
Visit Number (FIN): 01234567890ABCD  
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Horsham, PA 19044-2208  
CLIA 39D0197898

**Anabolic Steroids Confirmation, Urine**

ARUP test code 2008684

Anabolic Steroids Confirmation, Urine

See Note

Analysis and Comments	Result	Units
Bolasterone Urine Reporting Limit: 10 ng/mL	None Det	ng/mL
Synonym(s): 4-androsten-7alpha,17alpha-dimethyl-17beta-ol-3-one Analysis by High Performance Liquid Chromatography/ Tandem Mass Spectrometry (LC-MS/MS)		
Clostebol Urine Reporting Limit: 10 ng/mL	None Det	ng/mL
Synonym(s): 4-androsten-4-chloro-17beta-ol-3-one Analysis by High Performance Liquid Chromatography/ Tandem Mass Spectrometry (LC-MS/MS)		
Clostebol Metabolite Urine Reporting Limit: 10 ng/mL	None Det	ng/mL
Synonym(s): 4-chloro-4-androsten-3alpha-ol-17-one Analysis by High Performance Liquid Chromatography/ Tandem Mass Spectrometry (LC-MS/MS)		
Clenbuterol Urine Reporting Limit: 10 ng/mL	None Det	ng/mL
Synonym(s): Planipart(R) Analysis by High Performance Liquid Chromatography/ Tandem Mass Spectrometry (LC-MS/MS)		
Drostanolone Metabolite Urine Reporting Limit: 10 ng/mL	Positive	ng/mL
Synonym(s): 2alpha-methyl-5alpha-androstan-3alpha-ol-17-one Analysis by High Performance Liquid Chromatography/ Tandem Mass Spectrometry (LC-MS/MS)		
Norethandrolone Urine Reporting Limit: 10 ng/mL	None Det	ng/mL
Synonym(s): 17-hydroxy-19-norpregn-4-en-3-one Analysis by High Performance Liquid Chromatography/ Tandem Mass Spectrometry (LC-MS/MS)		
Fluoxymesterone Urine Reporting Limit: 10 ng/mL	None Det	ng/mL
Synonym(s): 9alpha-fluoro-11beta,17beta-dihydroxy-17alpha-methyl-an drost-4-en-3-one Analysis by High Performance Liquid Chromatography/ Tandem Mass Spectrometry (LC-MS/MS)		
Methandrostenolone Urine Reporting Limit: 10 ng/mL	None Det	ng/mL

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Reporting Limit: 2.0 ng/mL

Synonym(s): 4-androsten-17alpha-o1-3-one  
Analysis by High Performance Liquid Chromatography/  
Tandem Mass Spectrometry (LC-MS/MS)

Testosterone Confirmation, Urine

250 ng/mL

Urine  
Reporting Limit: 4.0 ng/mL

Synonym(s): 17beta-hydroxyandrost-4-en-3-one  
Analysis by High Performance Liquid Chromatography/  
Tandem Mass Spectrometry (LC-MS/MS)

Testosterone/Epitestosterone Ratio Conf

89

Urine  
A T/E ratio less than 4.0 is considered normal, while a ratio greater than or equal to 4.0 is considered an abnormal finding suggestive of testosterone use/abuse. This cut-off for the T/E ratio is recommended by the World Anti-Doping Agency.  
Analysis by High Performance Liquid Chromatography/  
Tandem Mass Spectrometry (LC-MS/MS)  
This test was developed and its performance characteristics determined by NMS Labs. It has not been cleared or approved by the US Food and Drug Administration.  
Testing performed at NMS Labs, Inc.  
200 Welsh Road  
Horsham, PA 19044-2208  
CLIA 39D0197898

VERIFIED/REPORTED DATES

Procedure	Accession	Collected	Received	Verified/Reported
Anabolic Steroids Screen, Urine	22-111-400251	4/21/2022 1:37:00 AM	4/23/2022 2:33:36 PM	5/19/2022 8:43:00 AM
Anabolic Steroids Confirmation, Urine	22-111-400251	4/21/2022 1:37:00 AM	5/17/2022 3:03:47 PM	5/19/2022 8:43:00 AM
Epitestosterone Confirmation, Urine	22-111-400251	4/21/2022 1:37:00 AM	5/6/2022 1:04:18 AM	5/19/2022 8:43:00 AM
Testosterone Confirmation, Urine	22-111-400251	4/21/2022 1:37:00 AM	5/6/2022 1:04:18 AM	5/19/2022 8:43:00 AM
Testosterone/Epitestosterone Ratio Conf	22-111-400251	4/21/2022 1:37:00 AM	5/6/2022 1:04:18 AM	5/19/2022 8:43:00 AM

END OF CHART

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